







Utility Undergrounding: Color Legend, Terms and Definitions

Color Legend	Term	Definition
ABOVE GROUND STRUCTURES		
	Marbelite Street Lights	A marbelite street light will be installed in all locations where there is currently a street light on a wood pole. In a majority of cases the marbelite pole will be placed in the same location as the existing light, but in some cases it will not be possible to install in the same location. The light will then be relocated to the next closest available location. The new street lights will be 25 ft high and have a 4 ft arm extender.
	Poles	Poles are used to transfer underground utility wires back to an overhead system. It is where wires “rise” back out of the ground. If an existing pole cannot be used as a riser pole or if mid-span wires are present (see below), then a new pole must be set to accommodate the transition. Guy wires are used to counter the tension of overhead lines initiating on riser poles and are anchored to the ground from near the top of the pole.
	Vent Pipes	Above ground vent pipes come in pairs. They provide a pathway for air circulation through vaults and allow hot air created by transformers to escape.
UNDERGROUND AND GRADE LEVEL STRUCTURES		
	Hand Holes (Pull Boxes)	Hand holes serve as junction points for underground conduit and wires. Multiple conduits can join in one hand hole. Red boxed hand holes are existing.
	Underground Vaults (Man Holes)	Vaults contain the equipment necessary to provide electricity and telecommunications services (e.g., transformers, switching gear). Red boxed underground vaults or manholes are existing.
	Underground Conduit	Underground conduit is placed in the public right-of-way and contains the primary/secondary utility wires needed to serve each house from underground sources.